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May 19, 2003

VIA FACSIMILE  
(16 total pages)

To: Examiner Krystyna Suchecki  
Group Art Unit No. 2882  
U.S.P.T.O.

Facsimile No.: (703) 872-9318  
Before Final FAX

From: Kendal M. Sheets, Sean M. McGinn

Facsimile No.: (703) 761-2375

Re: §1.111 Amendment  
Application No.: 09/626,946  
Our Ref: HIR.039

09/892560

Dear Examiner Suchecki:

Please find enclosed is an Amendment for the above-listed Application, which should place the above-referenced case in condition for allowance.

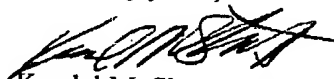
Thank you in advance for your consideration on this case.

RECEIVED

MAY 27 2003

GROUP 3600

Very truly yours,

  
Kendal M. Sheets, Reg. No. 47,077  
Sean M. McGinn, Reg. No. 34,386

KMS/SMM/kw  
Enclosure

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MAY 19 2003

TECHNOLOGY CENTER 2800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Toru HOSOI

Serial No.: 09/892,500

Group Art Unit: 2882

Filed: June 28, 2001

Examiner: Suchecki, Krystyna

Atty. Docket No. PNDF-01095

For: ARRAYED WAVEGUIDE GRATING AND OPTICAL COMMUNICATION  
SYSTEM USING ARRAYED WAVEGUIDE GRATING

Honorable Assistant Commissioner of Patents  
Washington, D.C. 20231

**AMENDMENT UNDER 37 C.F.R. 1.111**

Sir:

In response to the Office Action dated February 18, 2003, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please cancel claims 2, 3, and 5-9 without prejudice or disclaimer.

Please amend the claims, as follows:

1. (Amended) An arrayed waveguide grating, comprising:
- a substrate;
  - a first channel waveguide disposed on the substrate;
  - a parabolized channel waveguide array disposed on said substrate and constituted such that each length of parabolized waveguides in the parabolized channel waveguide array is sequentially longer with a predetermined difference between the lengths of the waveguides;